

Title (en)

LOW DENSITY ORIENTED POLYMER COMPOSITION WITH INERT INORGANIC FILLER

Title (de)

AUSGERICHTETE POLYMERZUSAMMENSETZUNG VON GERINGER DICHT E MIT TRÄGEM ANORGANISCHEM FÜLLSTOFF

Title (fr)

COMPOSITION POLYMÈRE ORIENTÉ BASSE DENSITÉ À CHARGE INORGANIQUE INERTE

Publication

EP 2148900 A2 20100203 (EN)

Application

EP 08747275 A 20080501

Priority

- US 2008062133 W 20080501
- US 93014507 P 20070514

Abstract (en)

[origin: US2008287576A1] An oriented polymer composition containing thirty to 95 weight-percent inert inorganic filler and a continuous phase of at least one orientable polymer contains void spaces due to cavitation and has a density of less than 0.8 grams per cubic centimeter, a flexural modulus of 1.4 gigapascals or more, cross section dimensions all greater than 1.5 millimeters, a delamination force value of 44.5 Newtons (ten pounds force) or more and little or no blowing agent.

IPC 8 full level

C08K 3/00 (2006.01); **B29C 55/00** (2006.01)

CPC (source: EP US)

B29C 55/005 (2013.01 - EP US); **B29C 70/58** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 3/26** (2013.01 - EP US); **C08K 3/34** (2013.01 - EP US); **C08K 3/346** (2013.01 - EP US); **B29K 2105/04** (2013.01 - EP US); **B29K 2105/16** (2013.01 - EP US); **C08K 2003/265** (2013.01 - EP US)

Citation (search report)

See references of WO 2008144183A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2008287576 A1 20081120; CA 2686208 A1 20081127; CA 2686208 C 20160809; CN 101679670 A 20100324; CN 101679670 B 20121031; EP 2148900 A2 20100203; EP 2148900 B1 20180725; ES 2683727 T3 20180927; US 2010301511 A1 20101202; US 2012121879 A1 20120517; US 2014162046 A1 20140612; US 8142697 B2 20120327; WO 2008144183 A2 20081127; WO 2008144183 A3 20090604

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